

FIG. 1

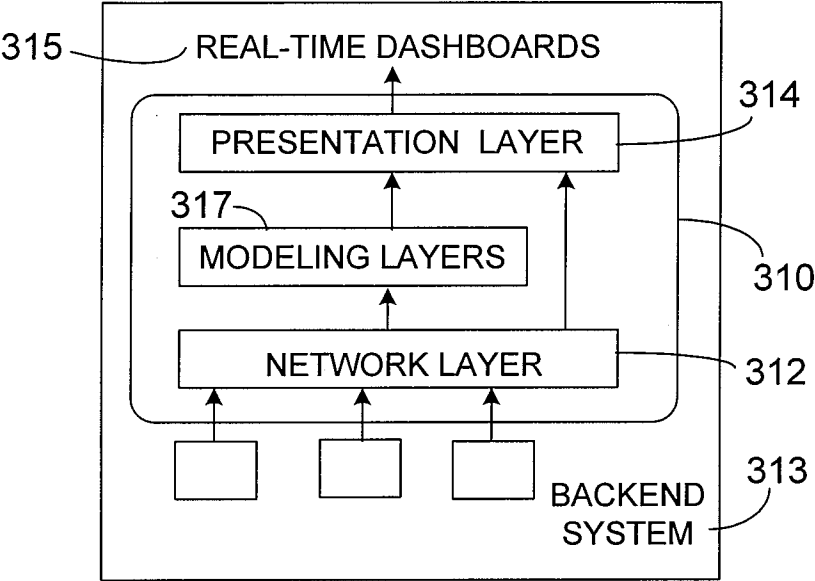


FIG. 2

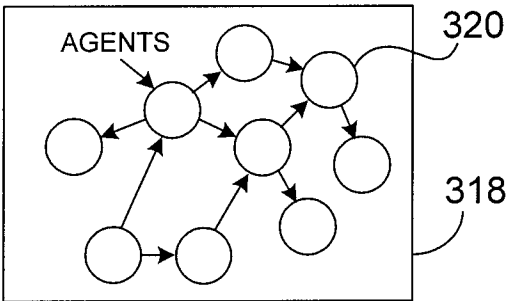


FIG. 3

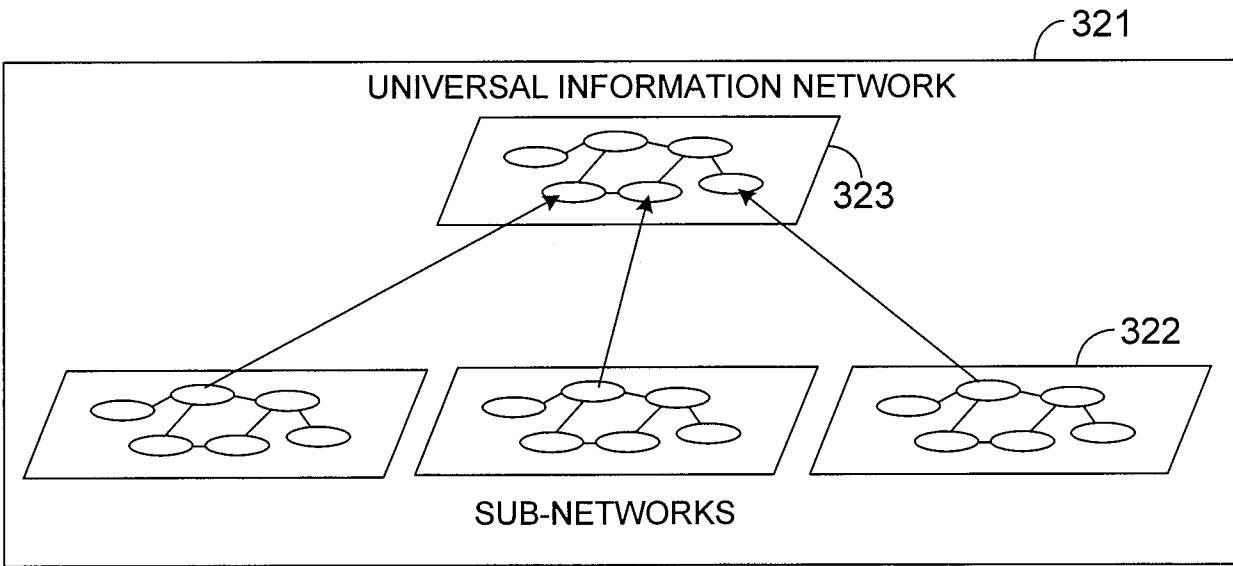


FIG. 4

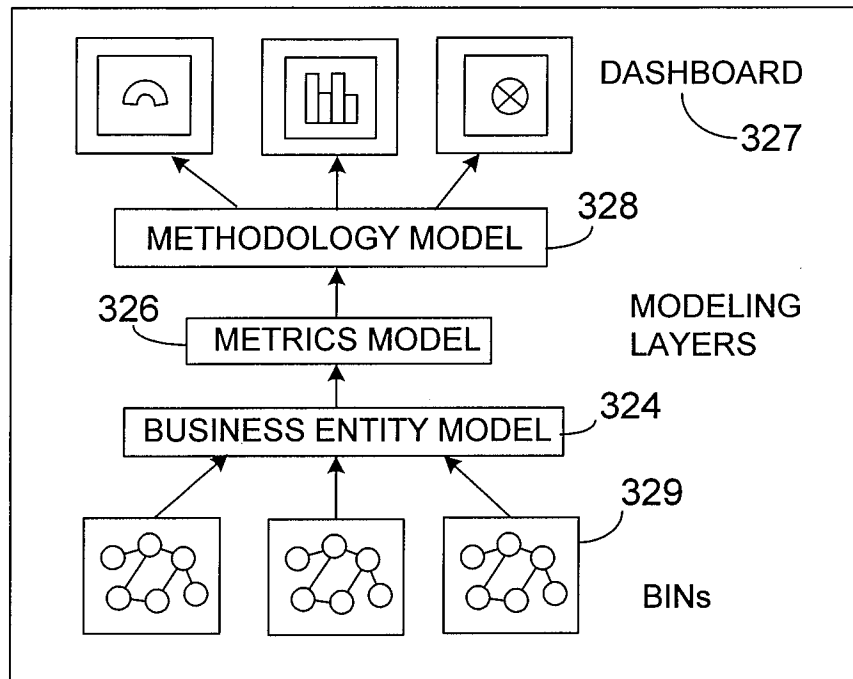


FIG. 5

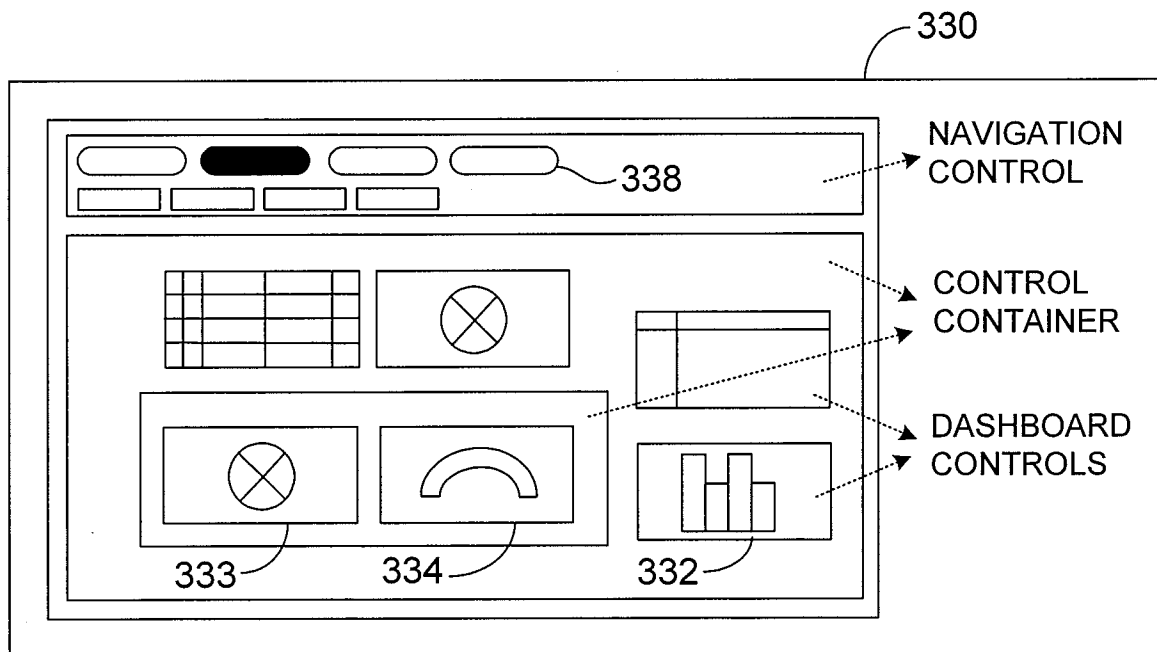


FIG. 6

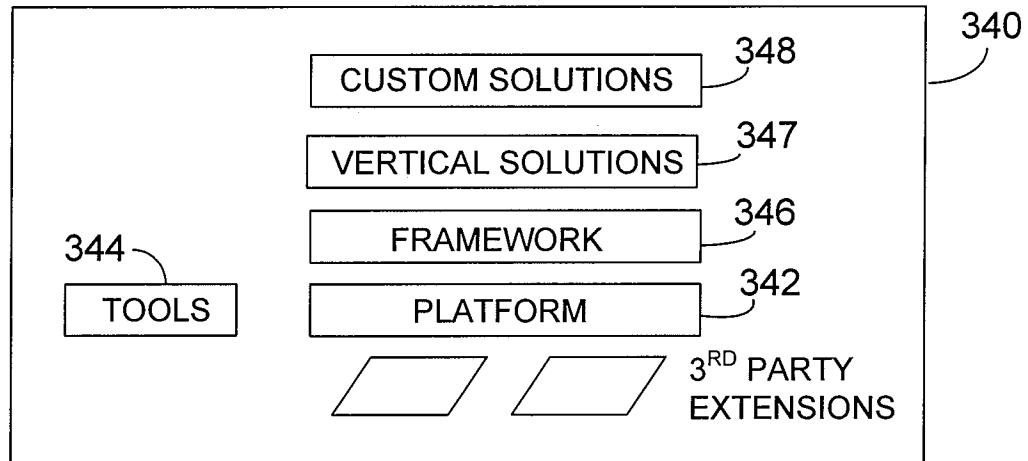


FIG. 7

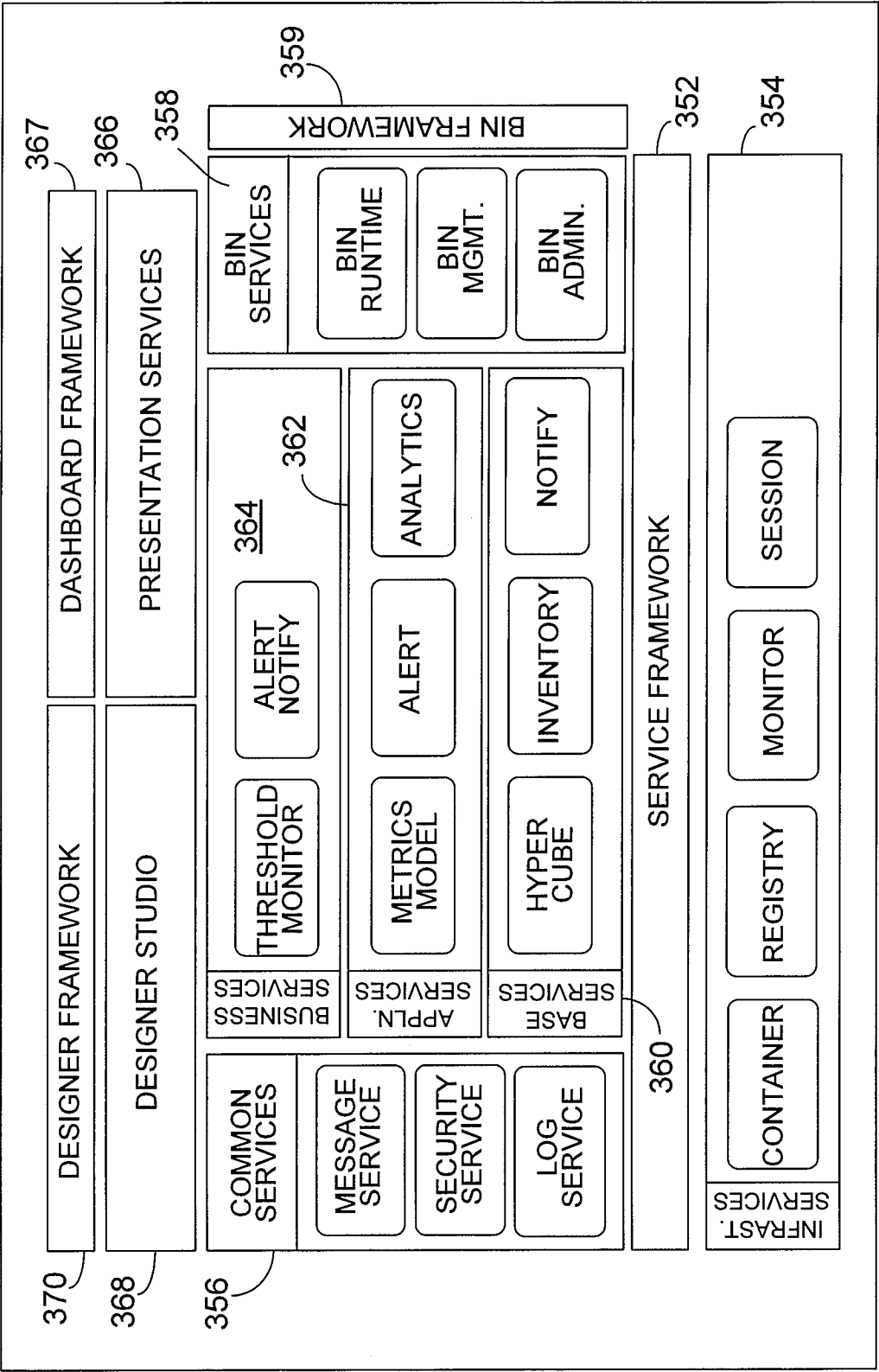


FIG. 8

Category	Description	Services/ Subsystems	Dependencies
Infrastructure	Set of services that provide the Service Framework. Every service complies with the service framework.	Container Registry Monitor Session	
Common	Used by all other services for all common application logic.	Message Security Log Cache	Common
Base	Base level independent Services	HyperCube Inventory Notify	Common
BIN	Set of services that provide BIN (Business Information Network) framework.	BIN Runtime Bin Management BIN Admin BIN Publisher	Common
Application	Application-level Services that uses Base Services. Modular services that do not directly address business requirements.	Metrics Model Alert Assembly Analytics	Common Base
Business	Set of services that address business requirements. Uses other services to provide integrated functionalities.	Threshold Monitor Alert Notify	Common Base BIN Application Business
Presentation	Services that manage and render dashboards.	Presentation Runtime Presentation Management	Common BIN Base Application Business
Designer	Provides Framework for CXO Studio	Dashboard Designer Network Builder Metrics Modeler User Manger Alerts Manger	Common BIN Base Application Business

FIG. 9

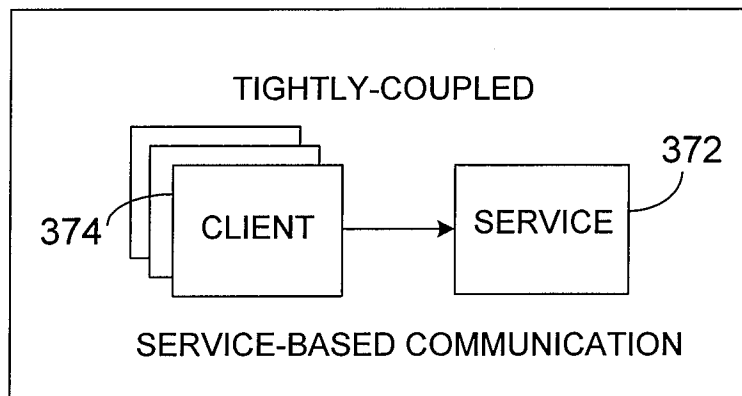


FIG. 10

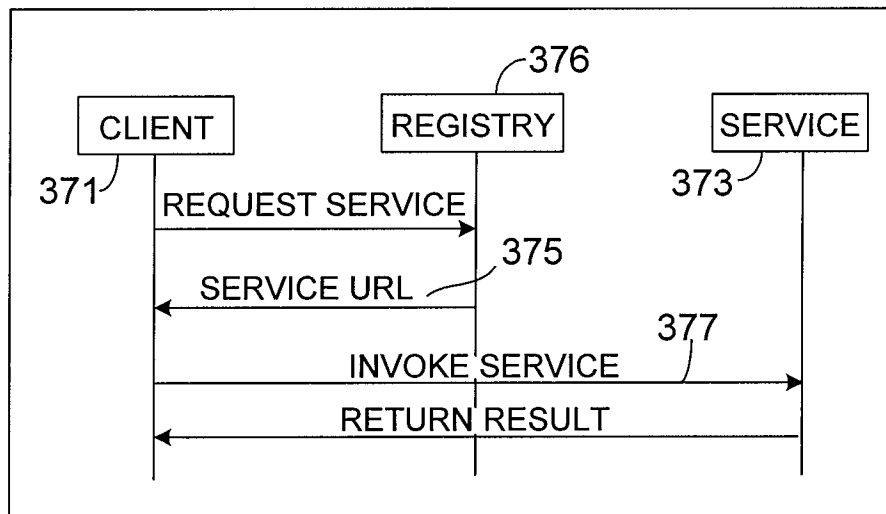


FIG. 11

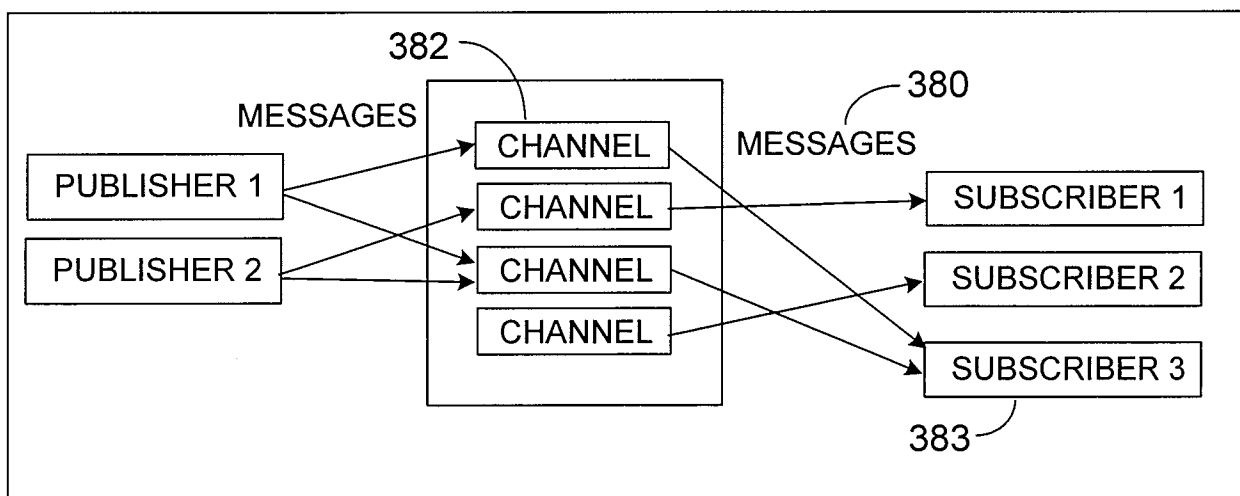


FIG. 12

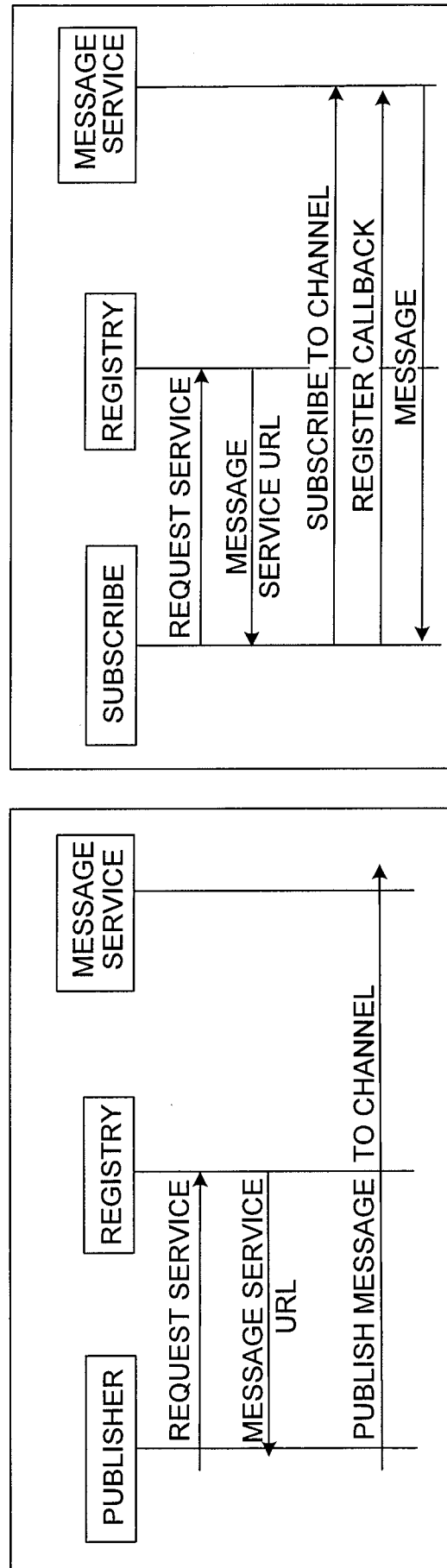


FIG. 13



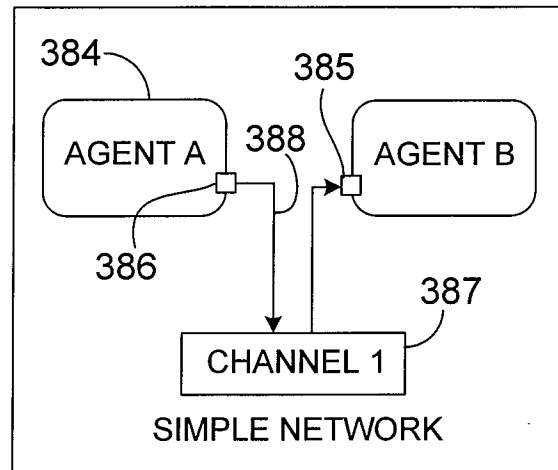


FIG. 14

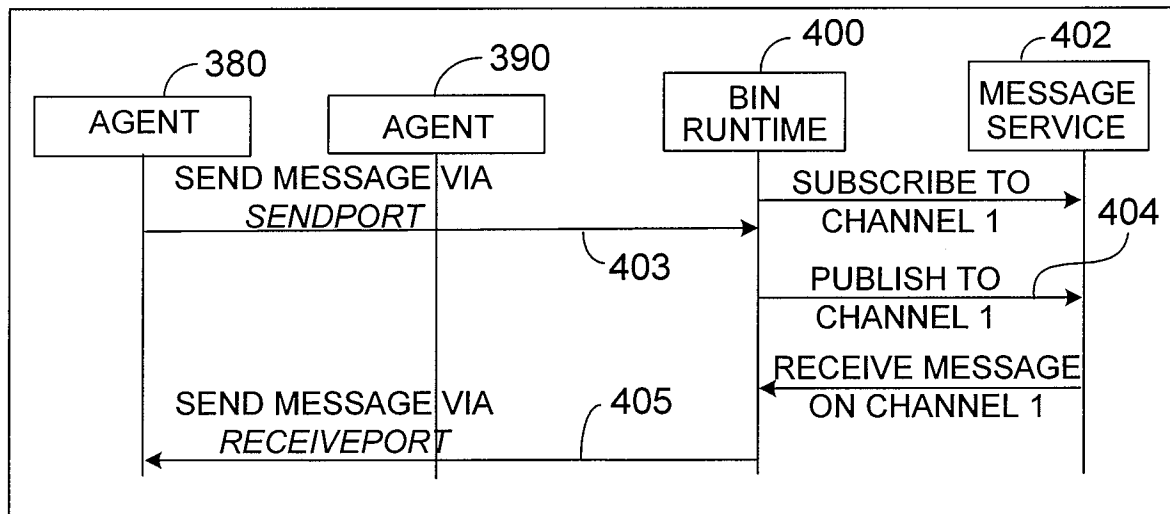


FIG. 15

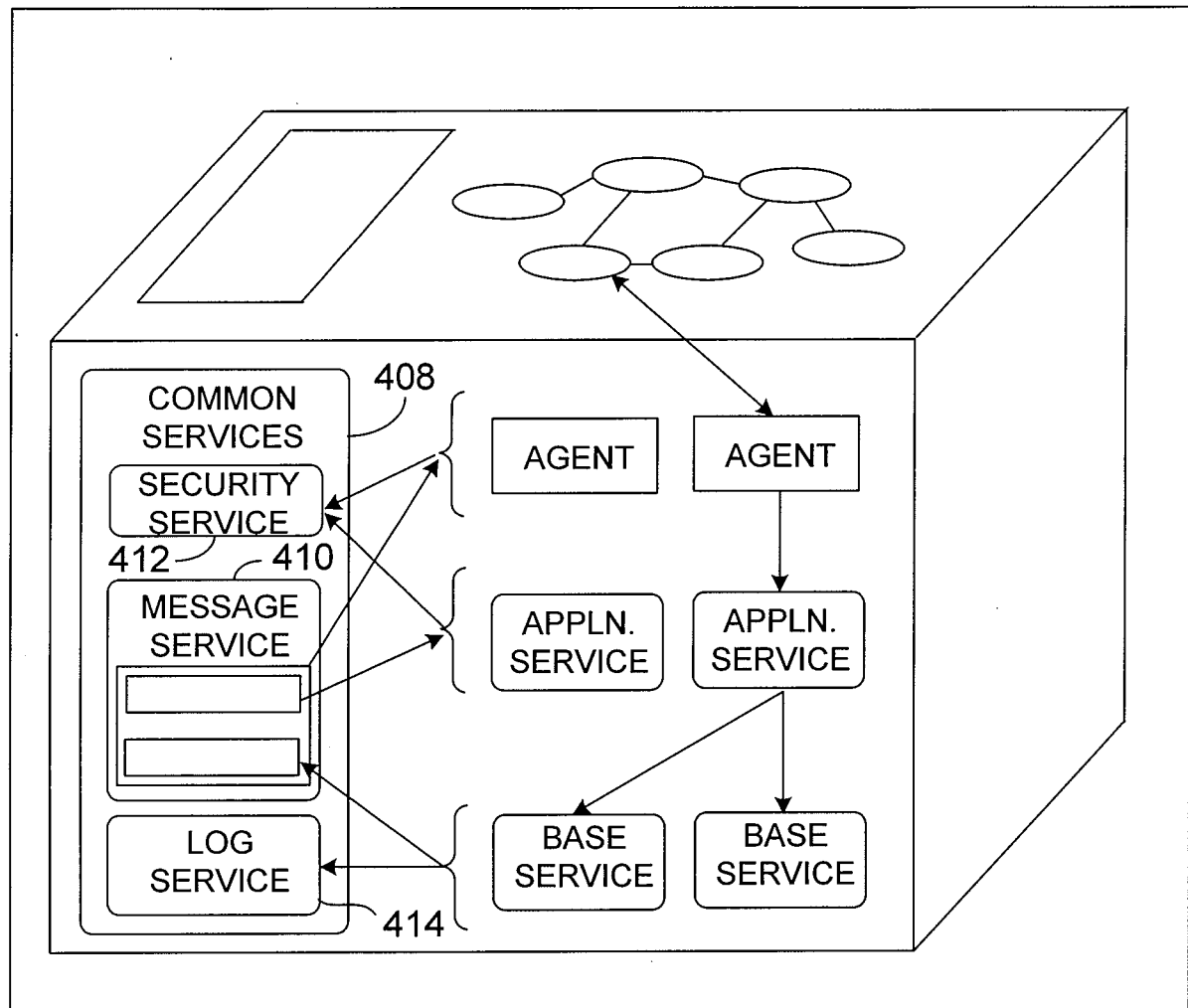


FIG. 16

Category	Services	Can Access
Infrastructure	Container Registry Monitor Session	None
Common	Message Security Log	Common Services Message Security Log
Base	HyperCube Inventory Notify	Common Services Message Security Log
BIN	BIN Runtime Bin Management BIN Admin BIN Publisher	Common Services Message Security Log
Application	Metrics Model Alert Assembly Analytics	Common Services Message Security Log  Base HyperCube Inventory Notify
Presentation	Presentation Runtime Presentation Management	Common Message Security Log  Base HyperCube Inventory Notify  Application Metrics Model Alert Assembly Analytics
Designer	Dashboard Designer Network Builder Metrics Modeler User Manger Alerts Manger	All Services

FIG. 17

Service	Channel Name	Message Type	Description
Log	System.Log	LogMessage	Log information is published in this channel by any client
Security	System.Security	UserMessage	Security Service publishes Messages when Users are added or dropped in the system. Other services can use this channel for synchronizing their internal state.

FIG. 18

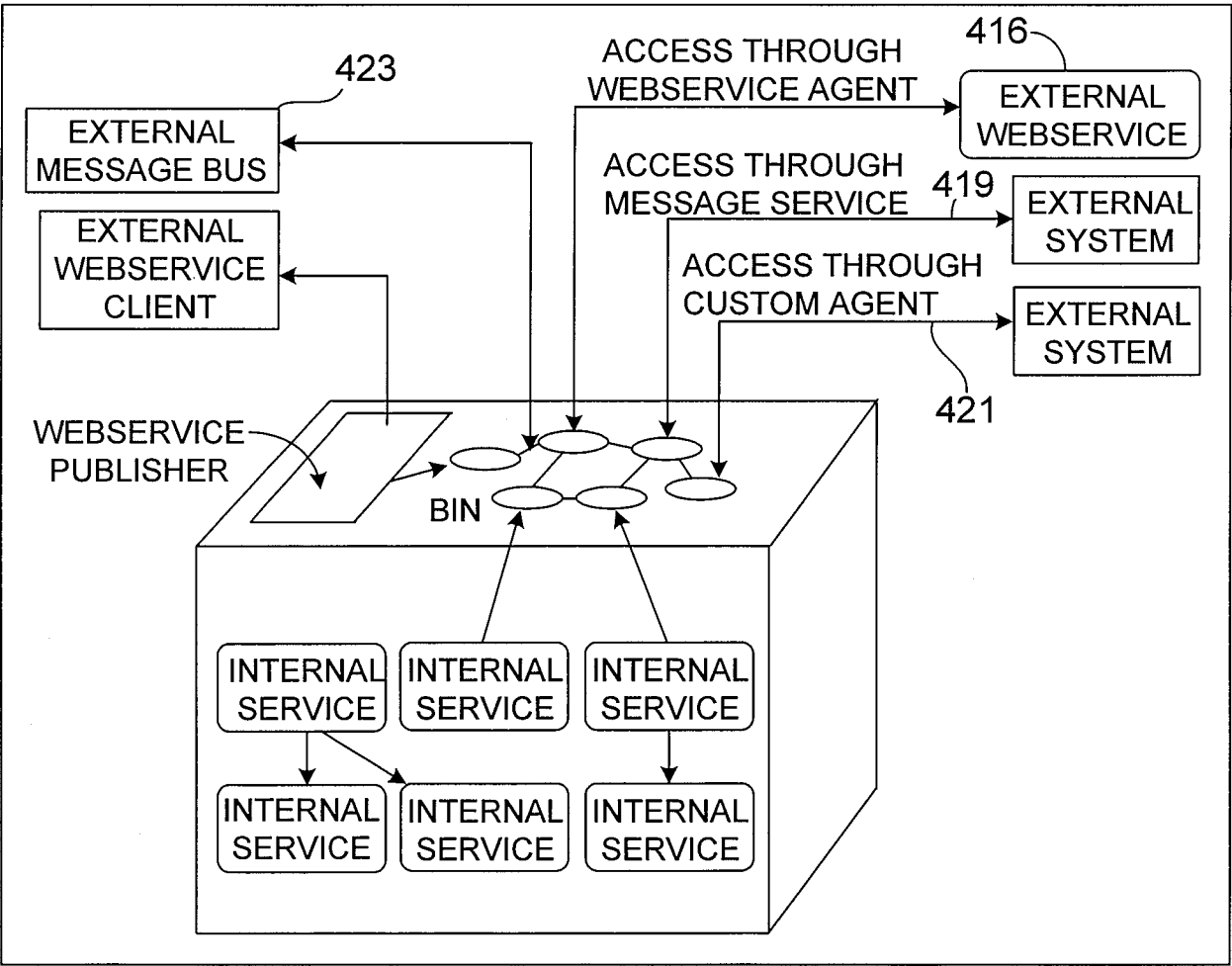


FIG. 19

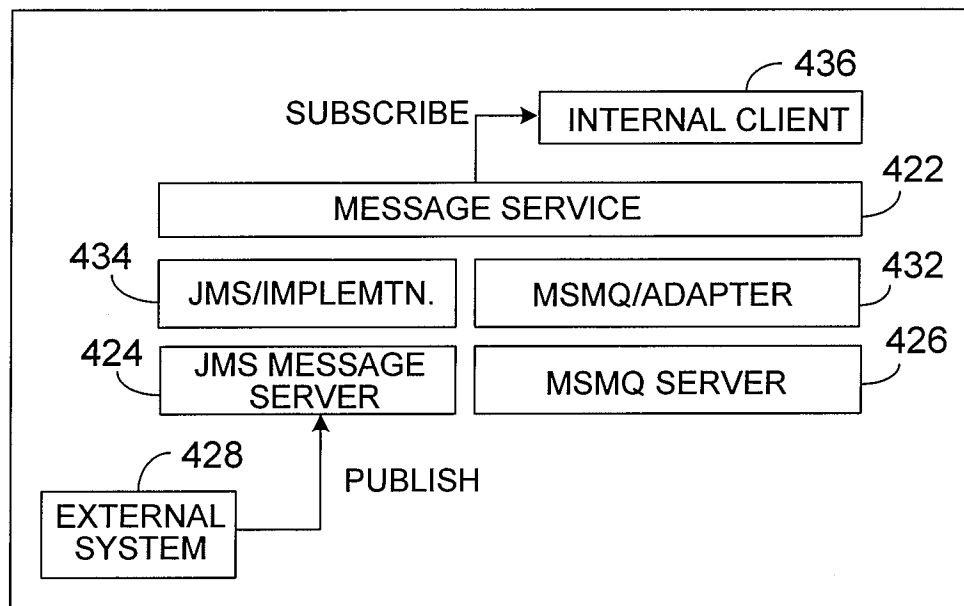


FIG. 20

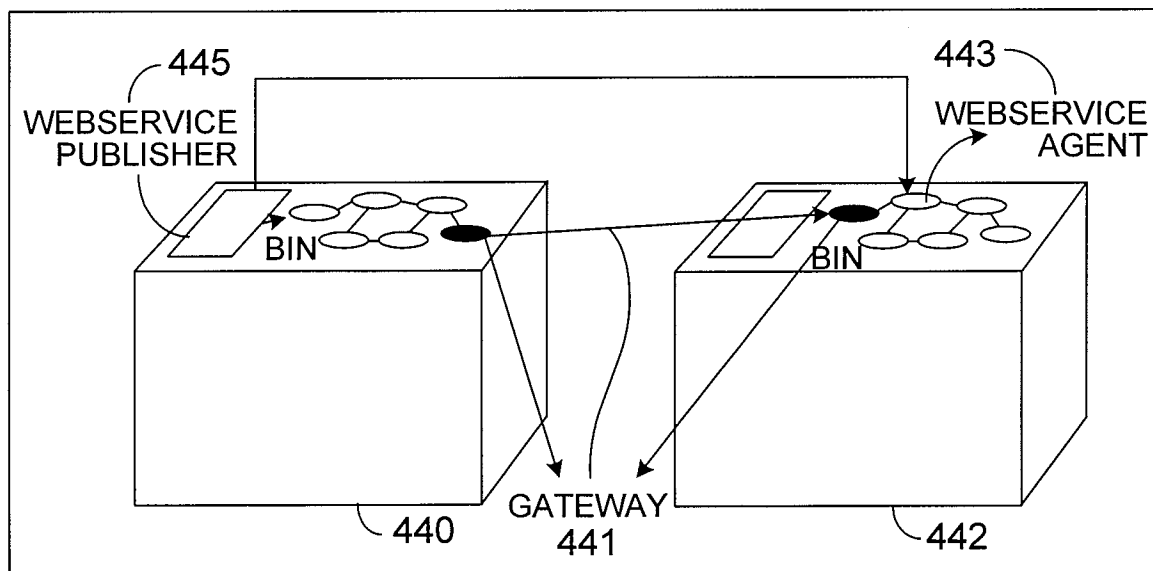


FIG. 21

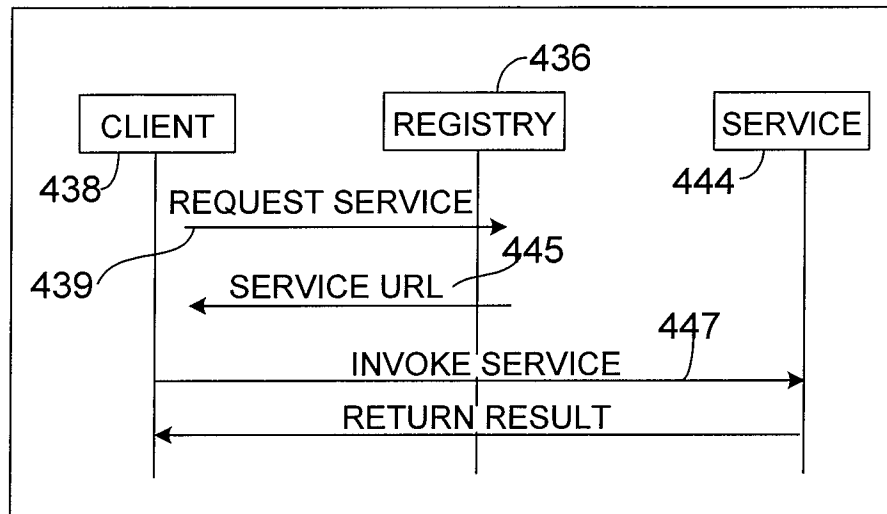


FIG. 22

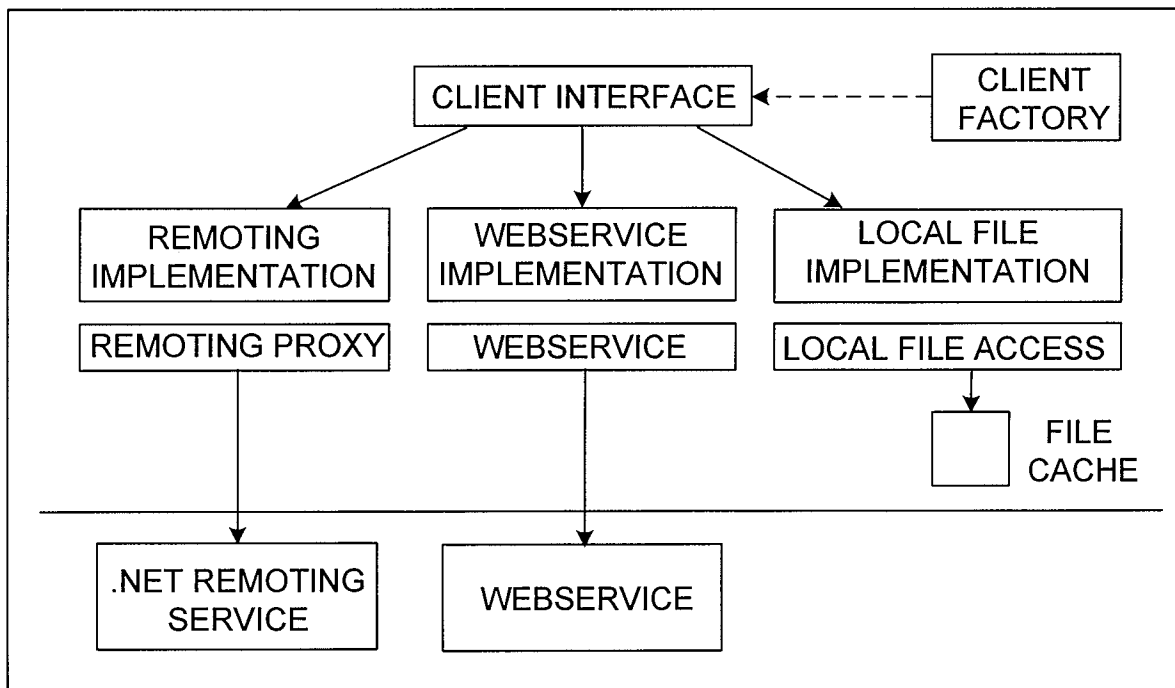


FIG. 23

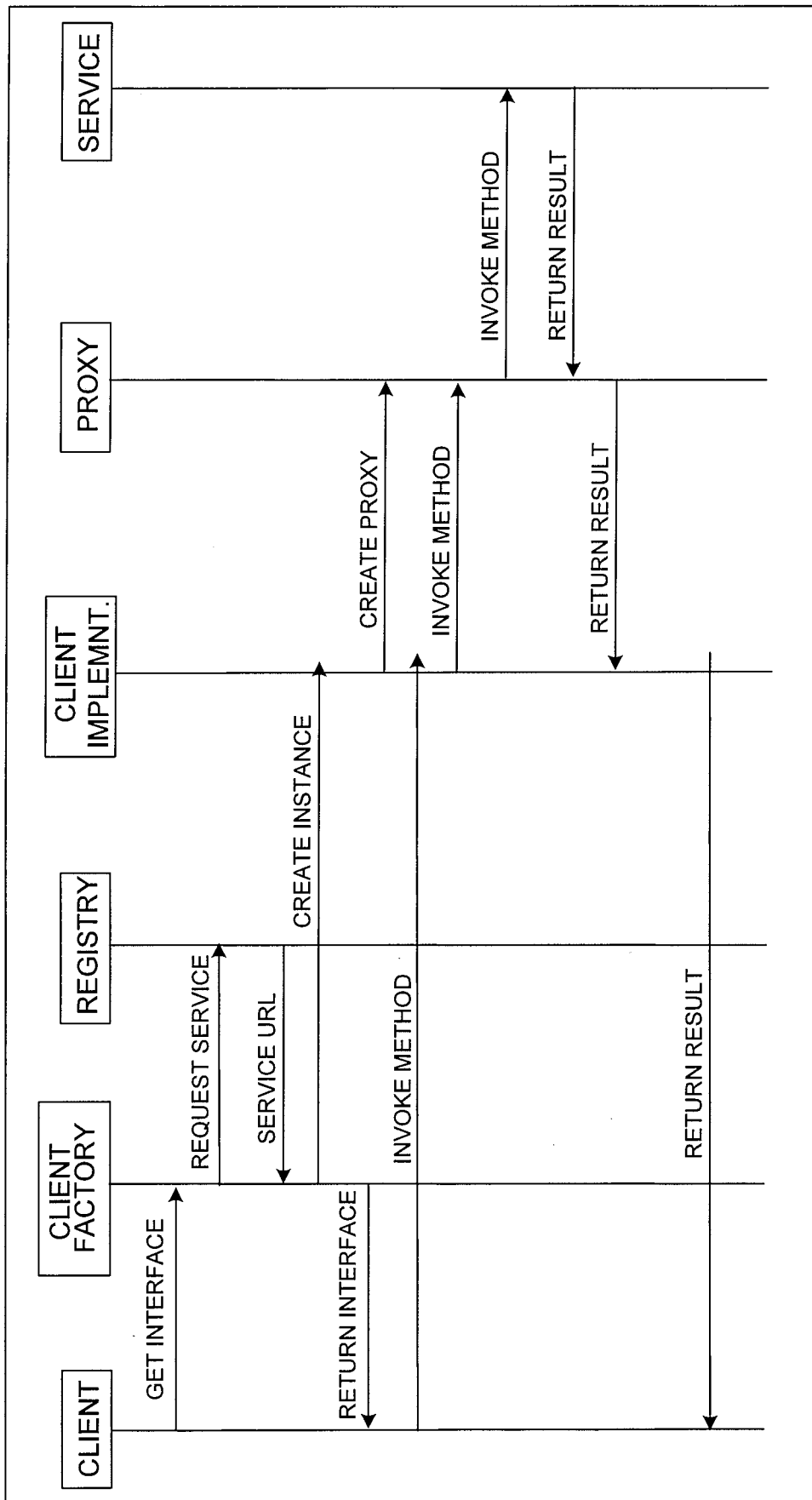


FIG. 24

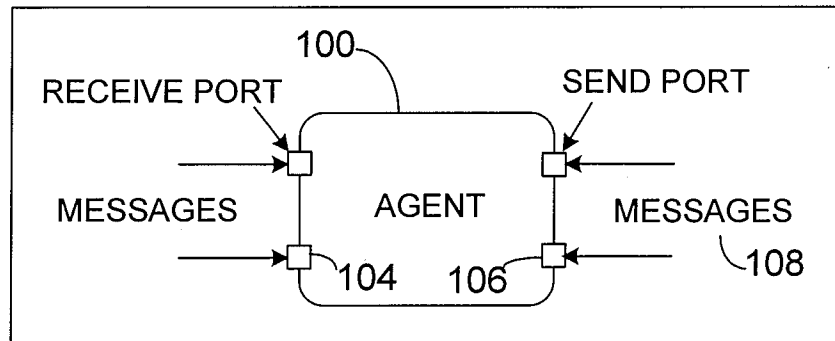


FIG. 25

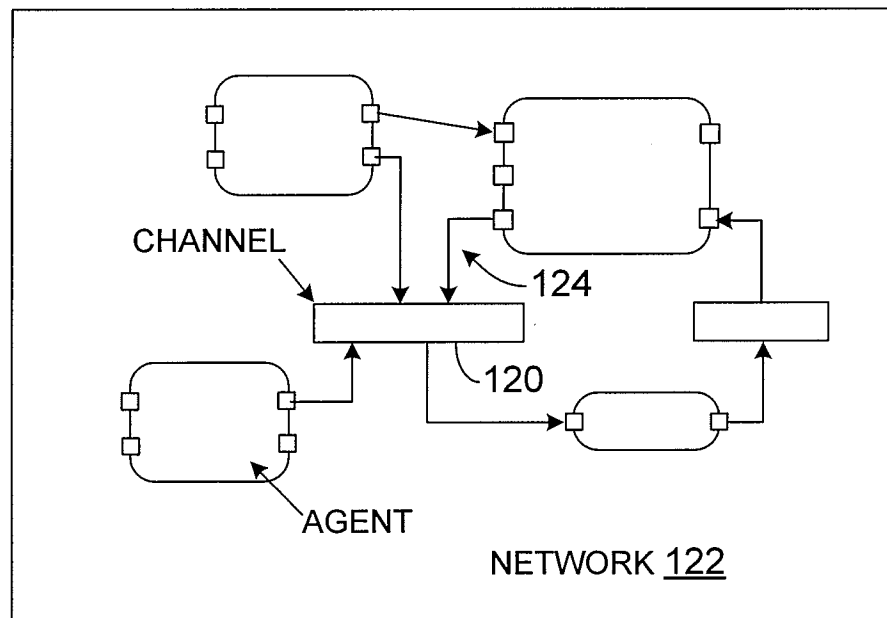


FIG. 26



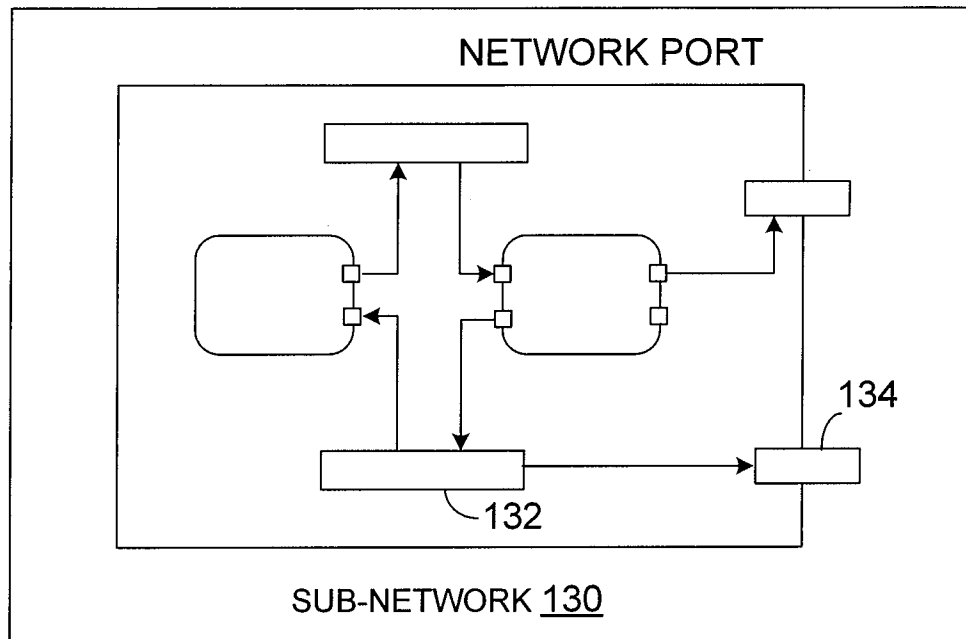


FIG. 27

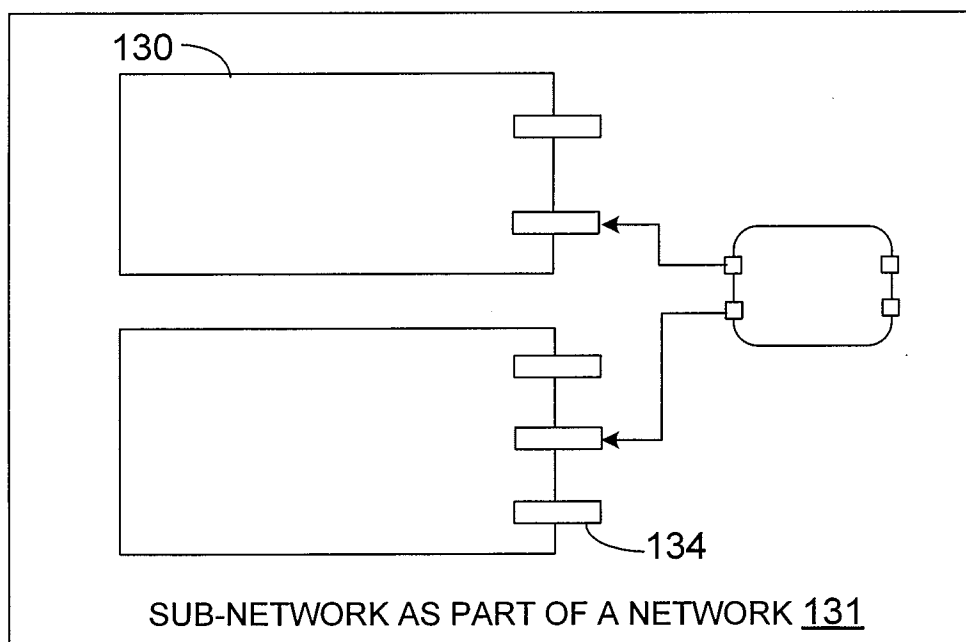


FIG. 28

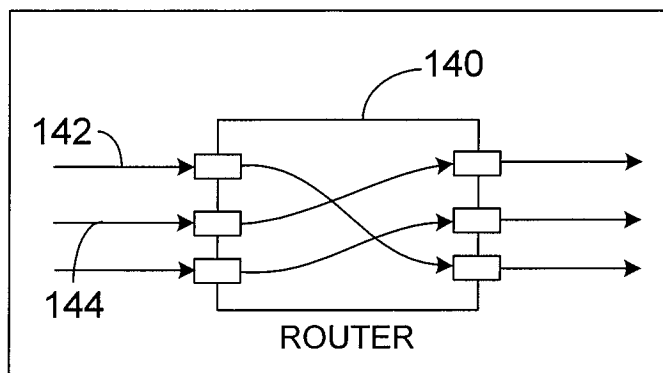


FIG. 29

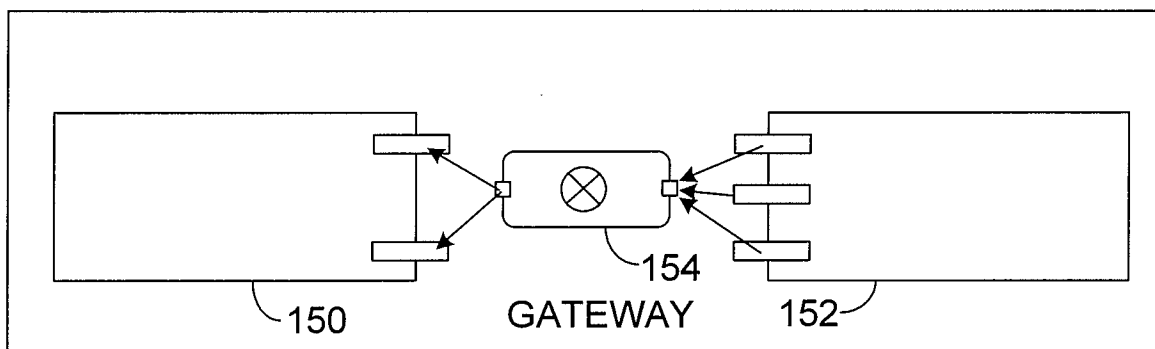


FIG. 30

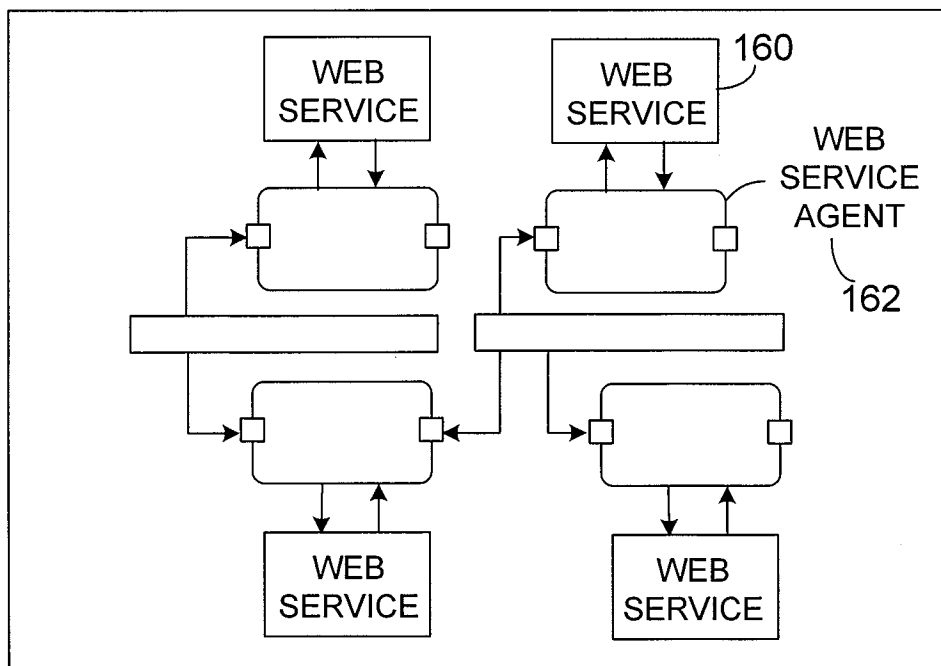


FIG. 31

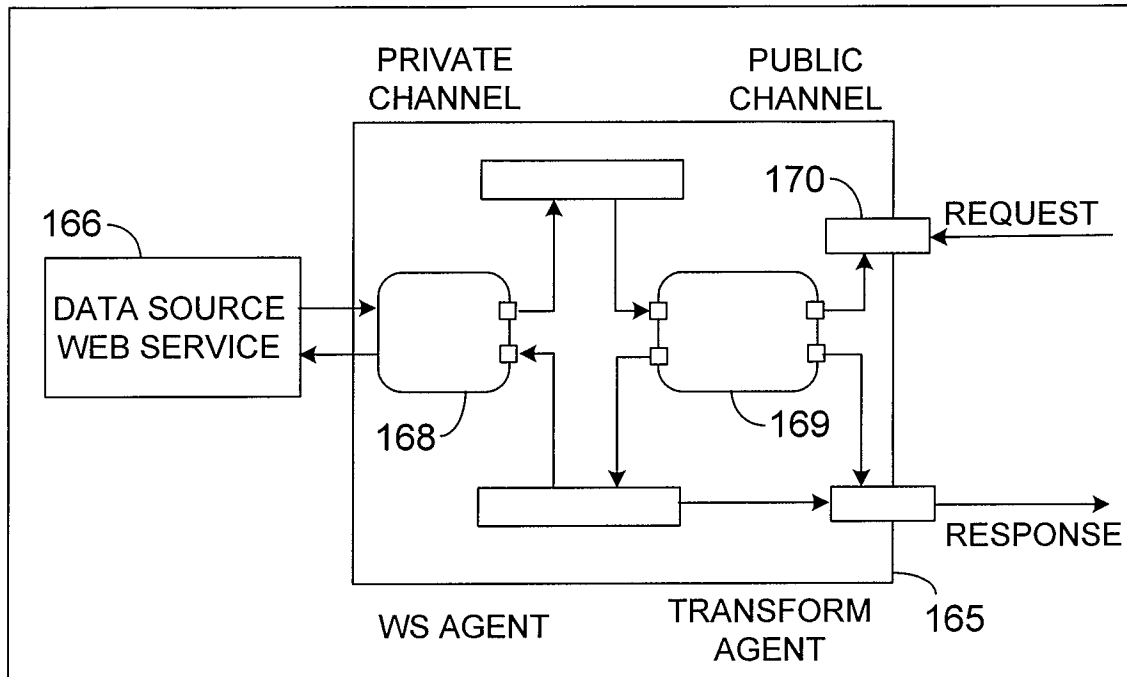


FIG. 32

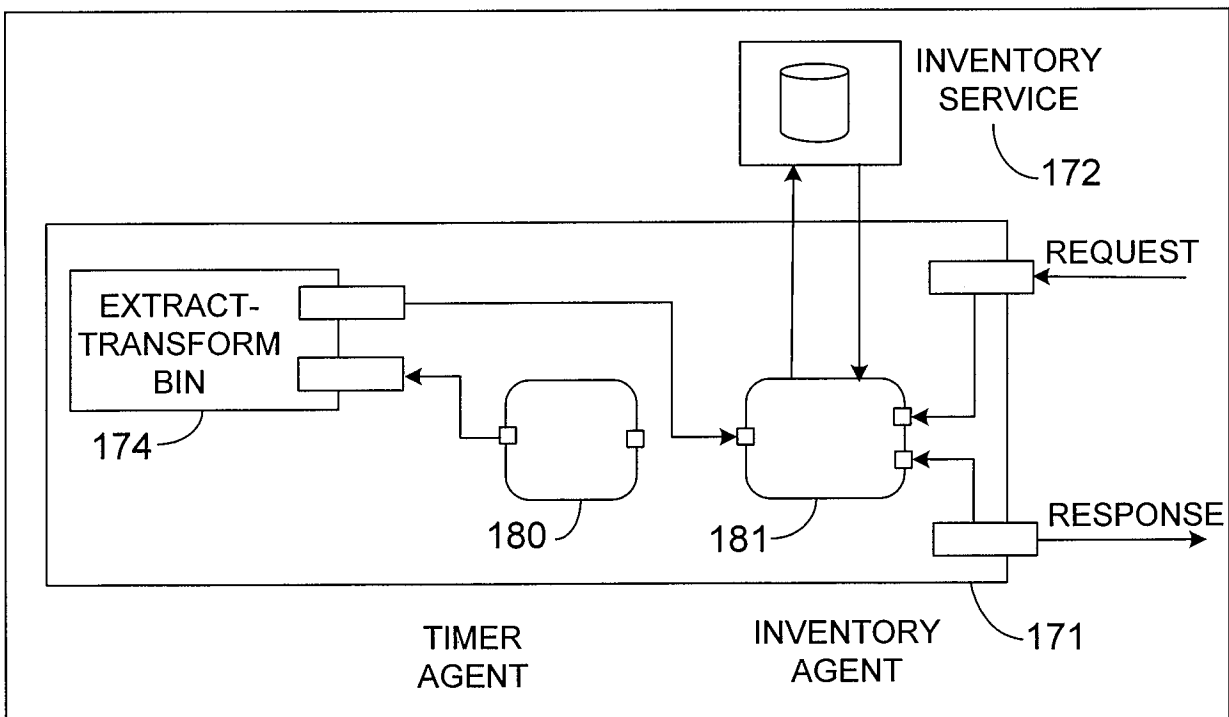
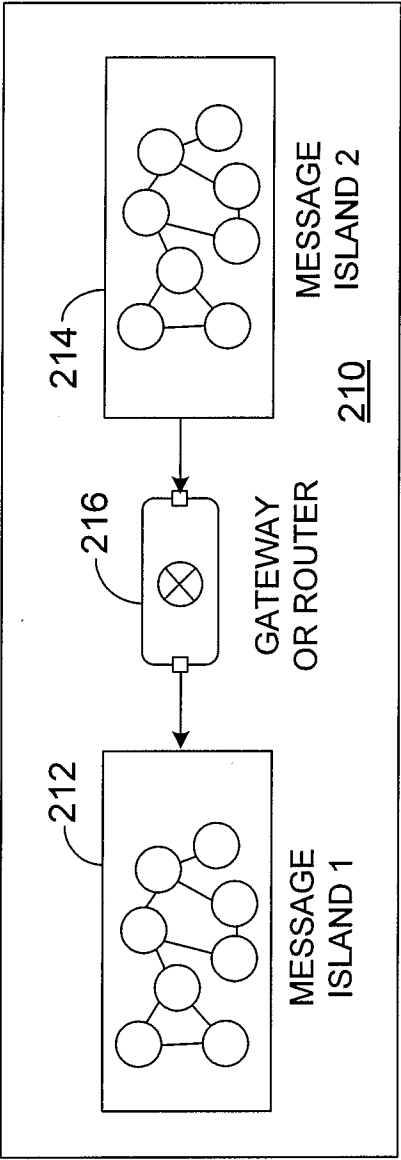
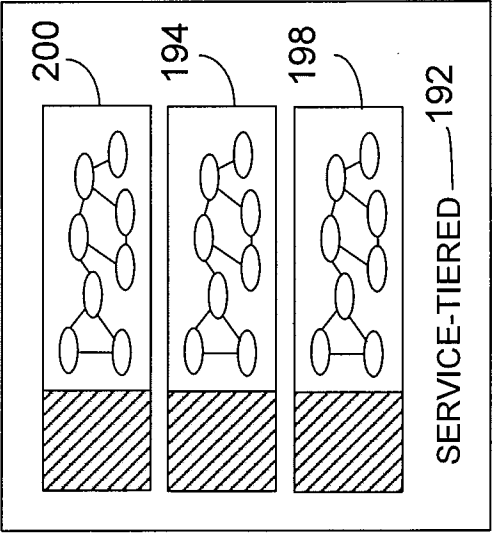
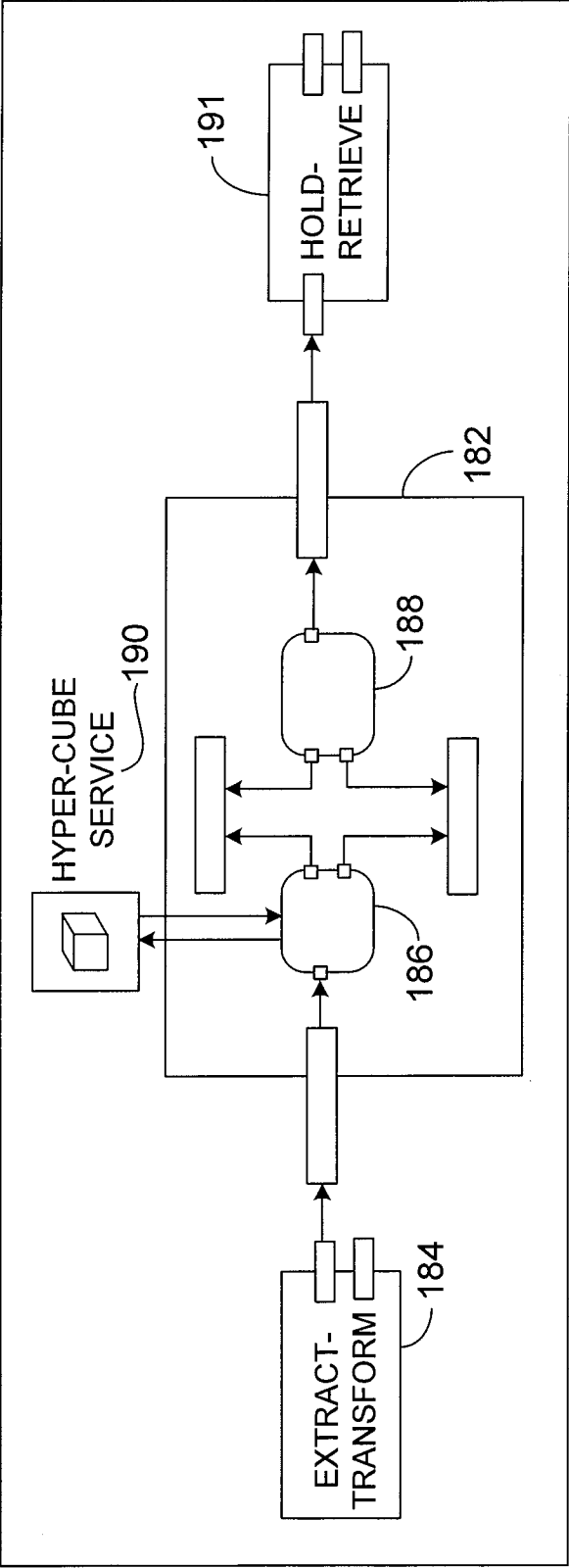


FIG. 33



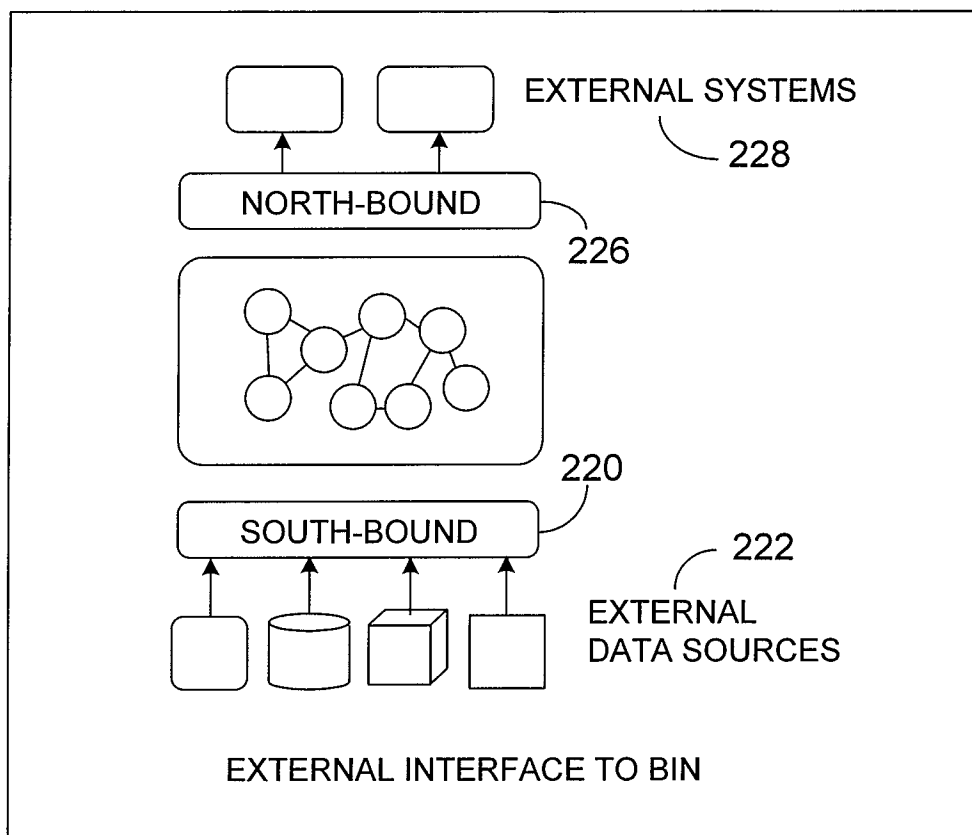


FIG. 37

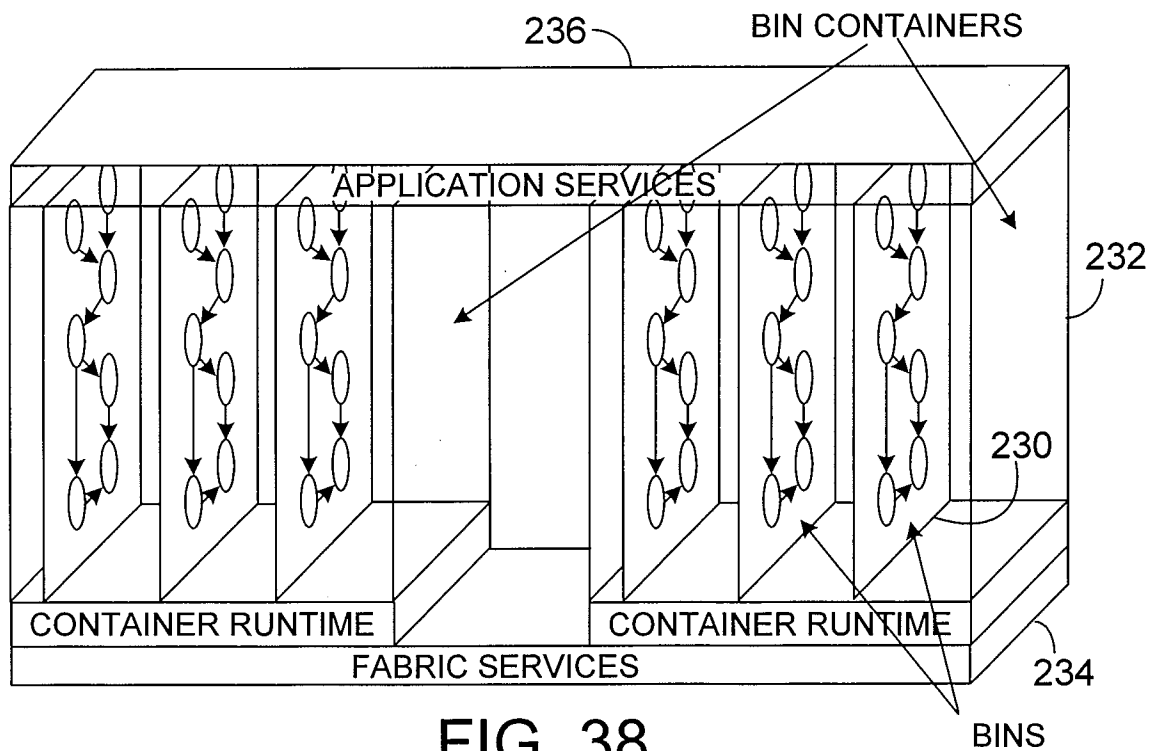


FIG. 38

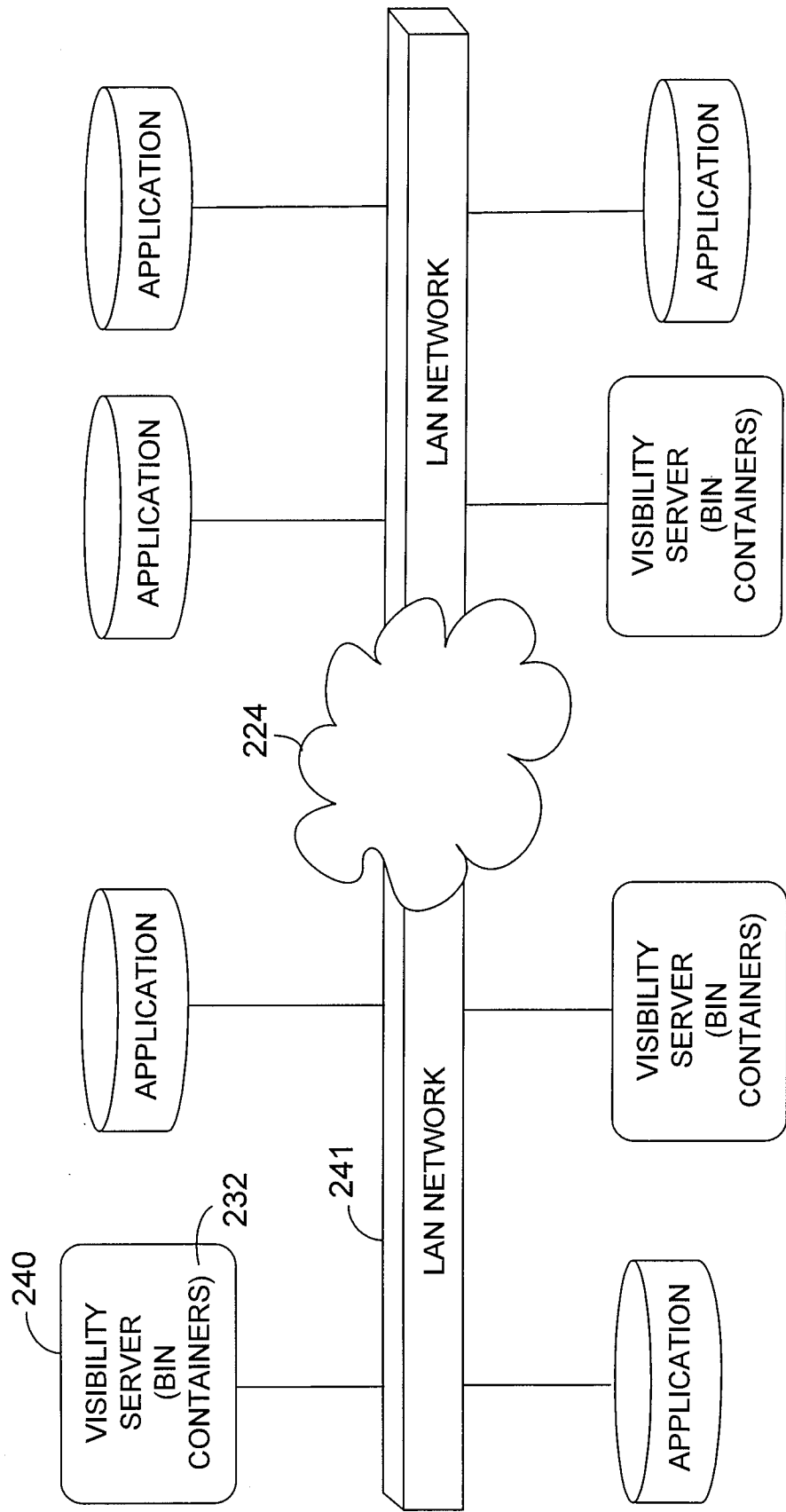


FIG. 39

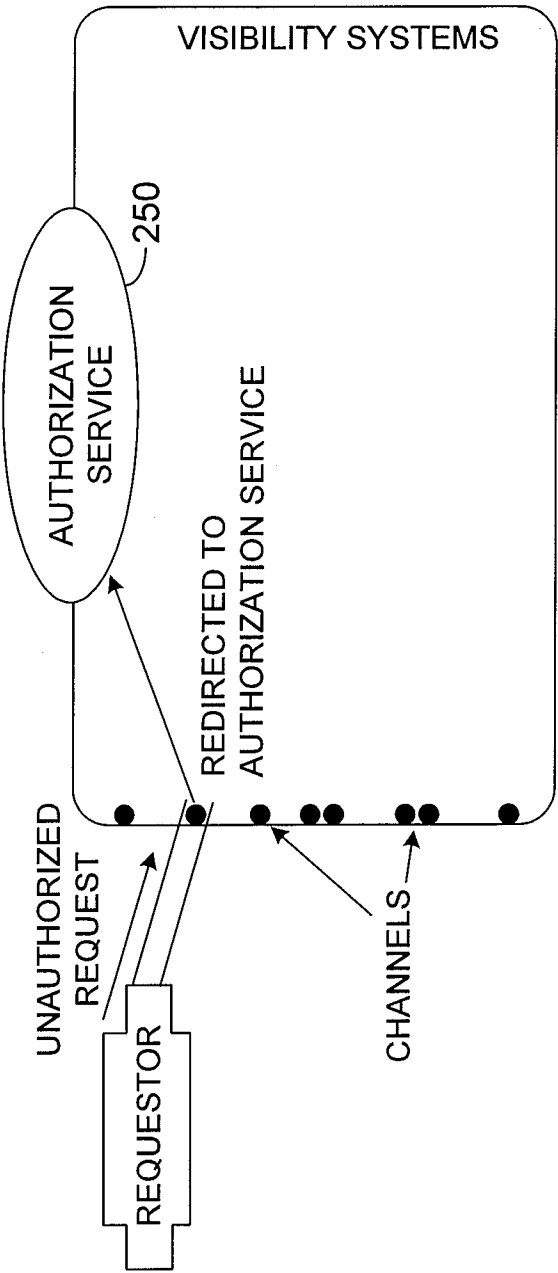


FIG. 40

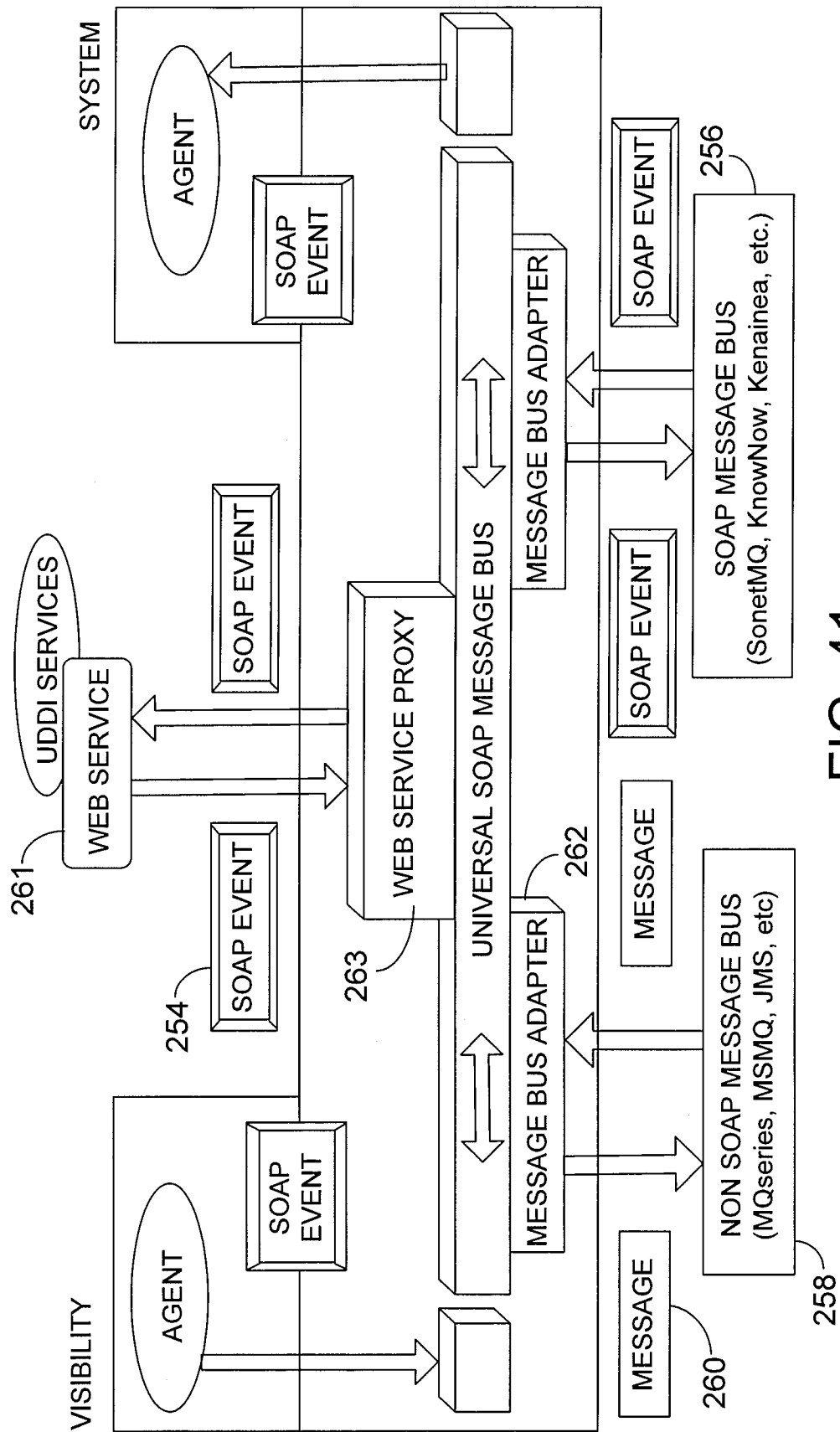


FIG. 41



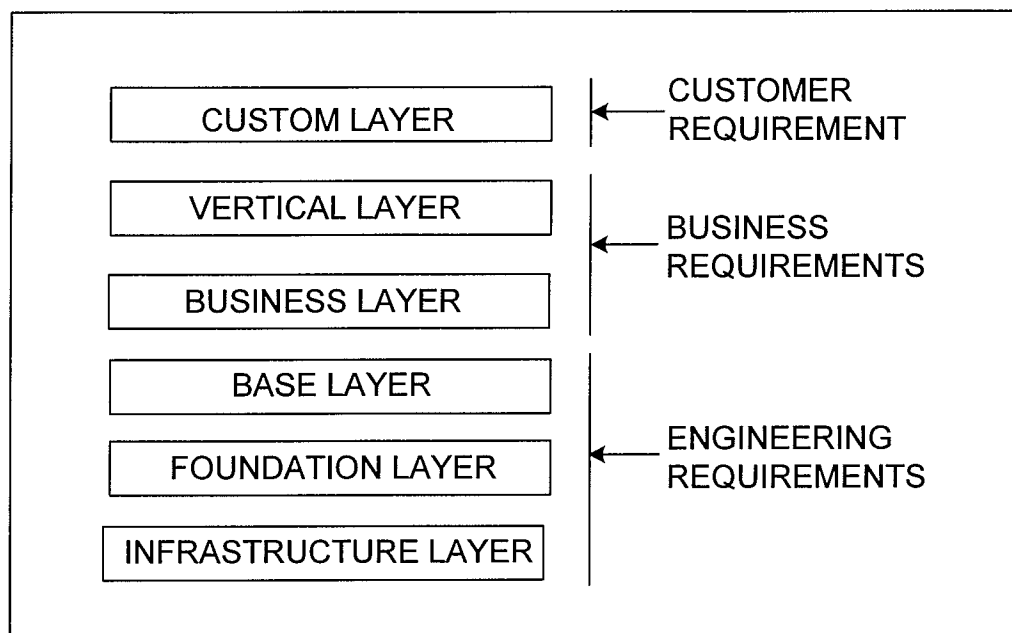


FIG. 42

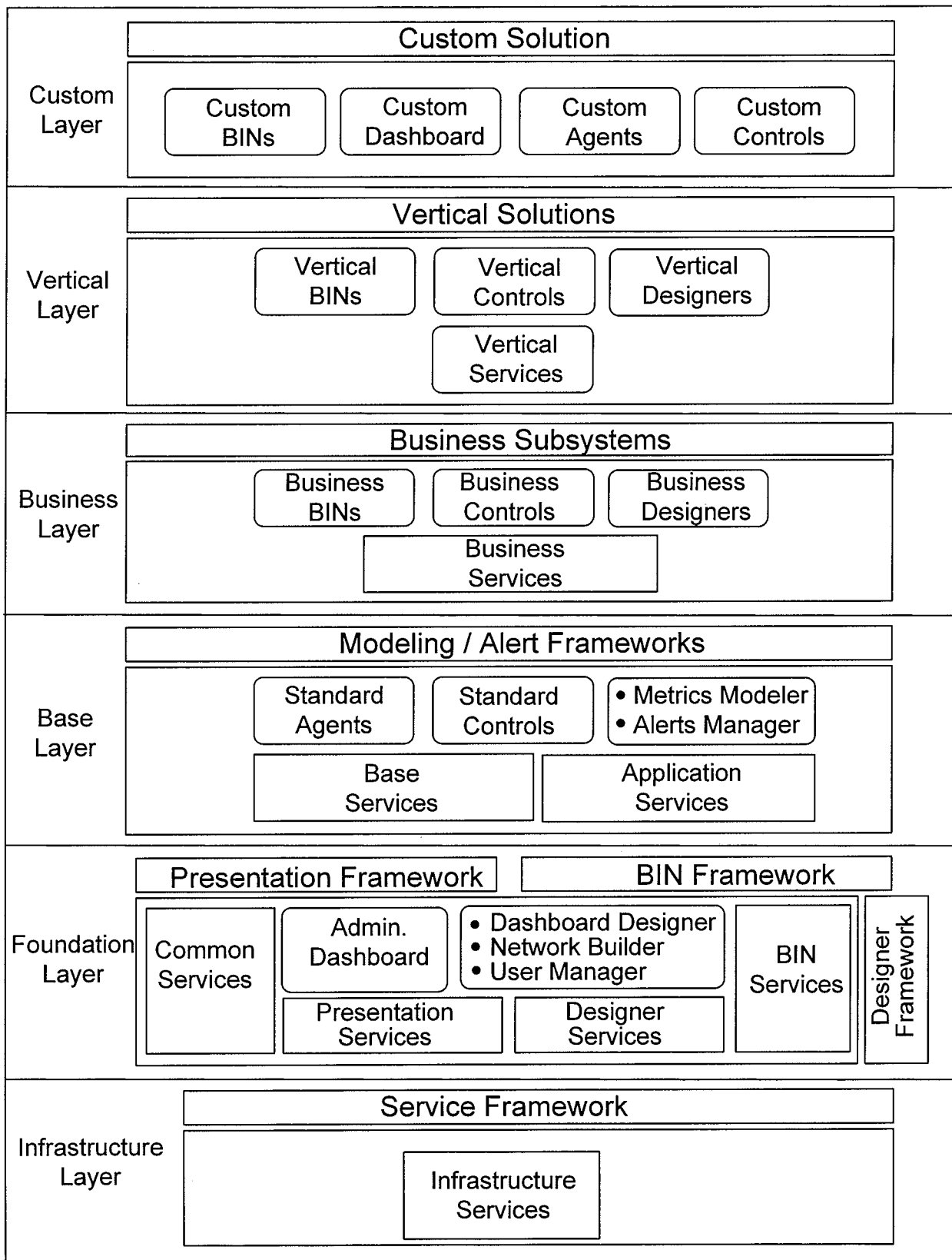


FIG. 43

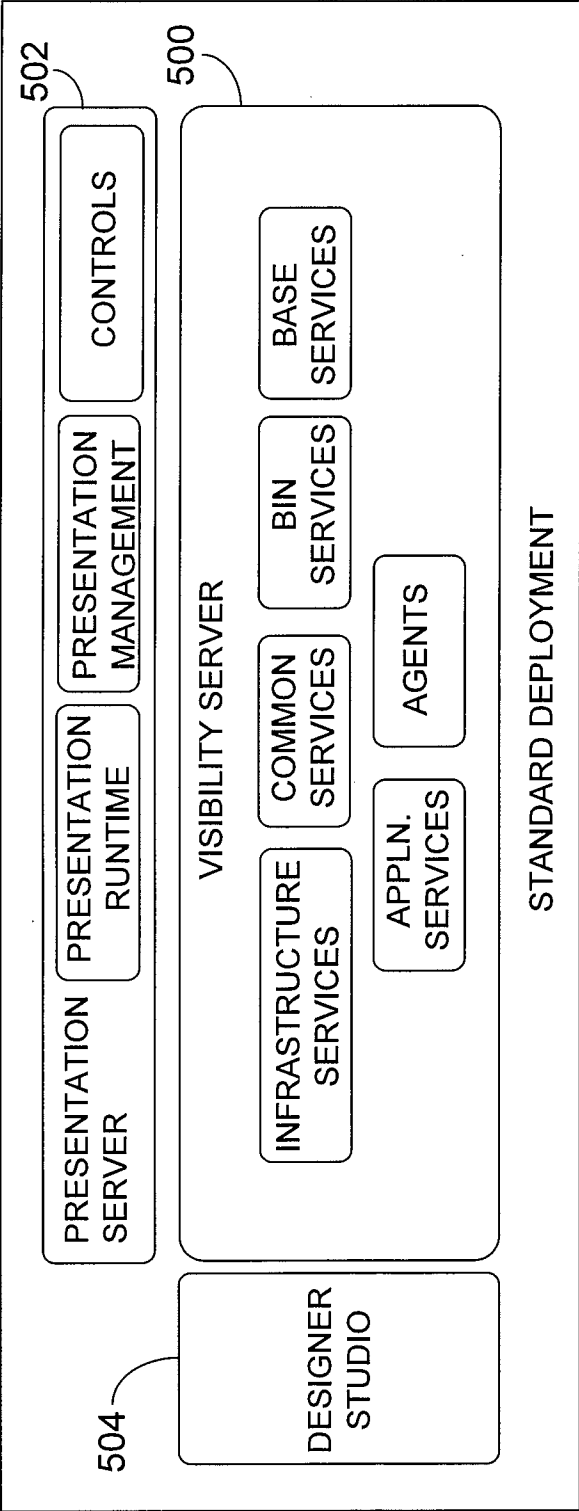


FIG. 44

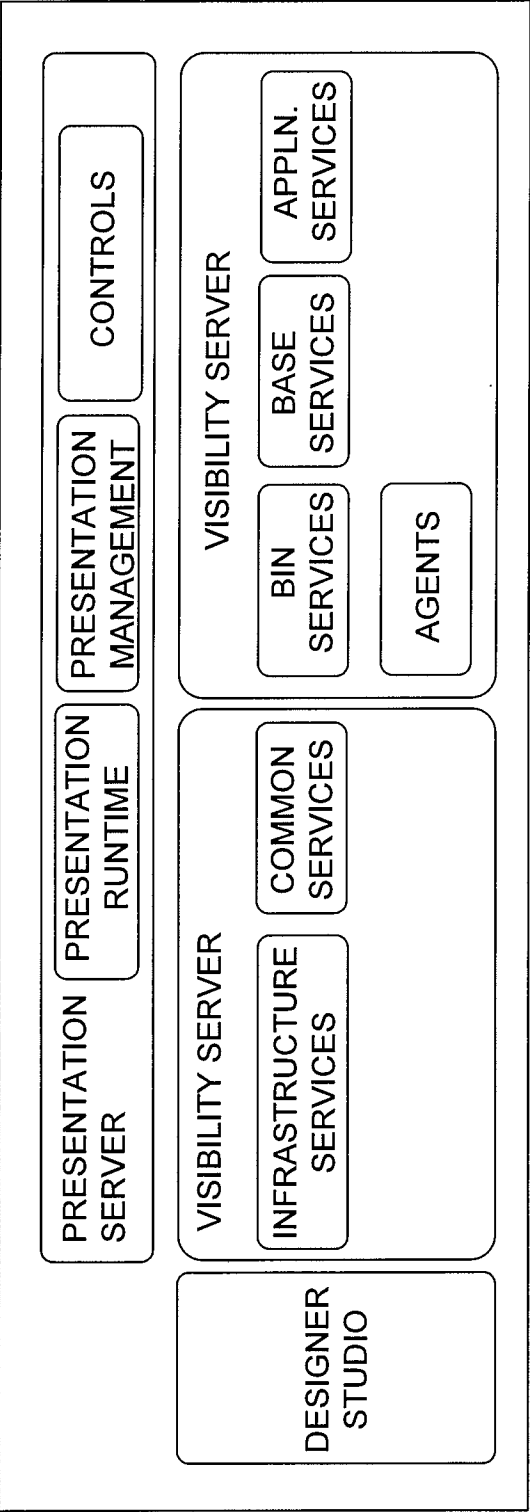


FIG. 45

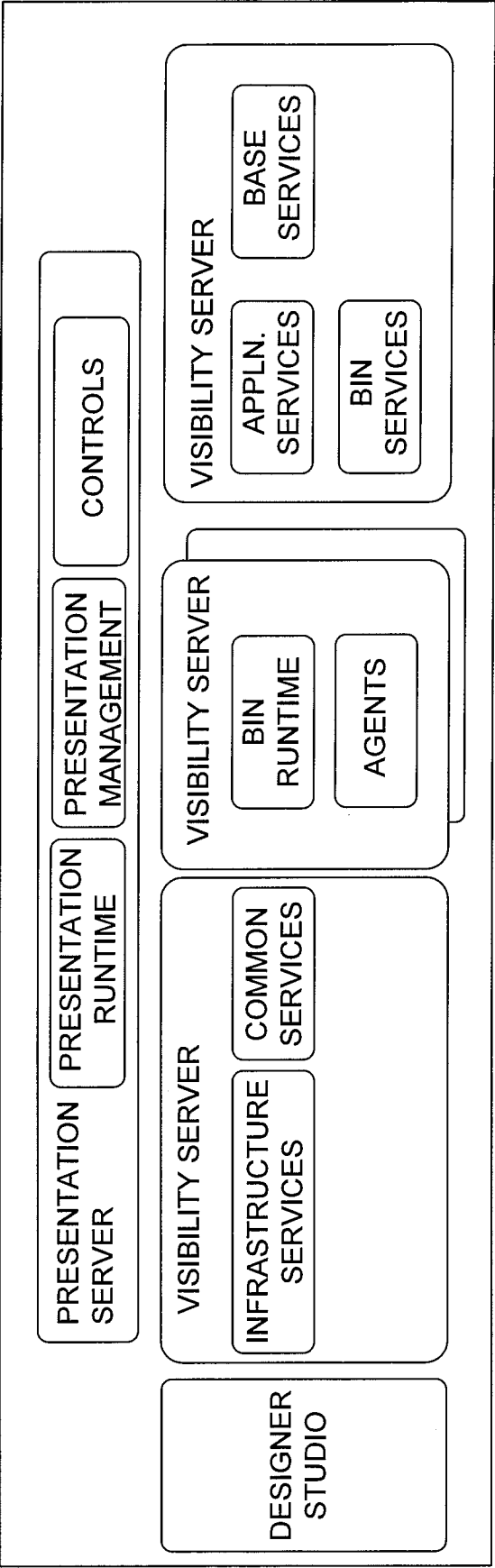
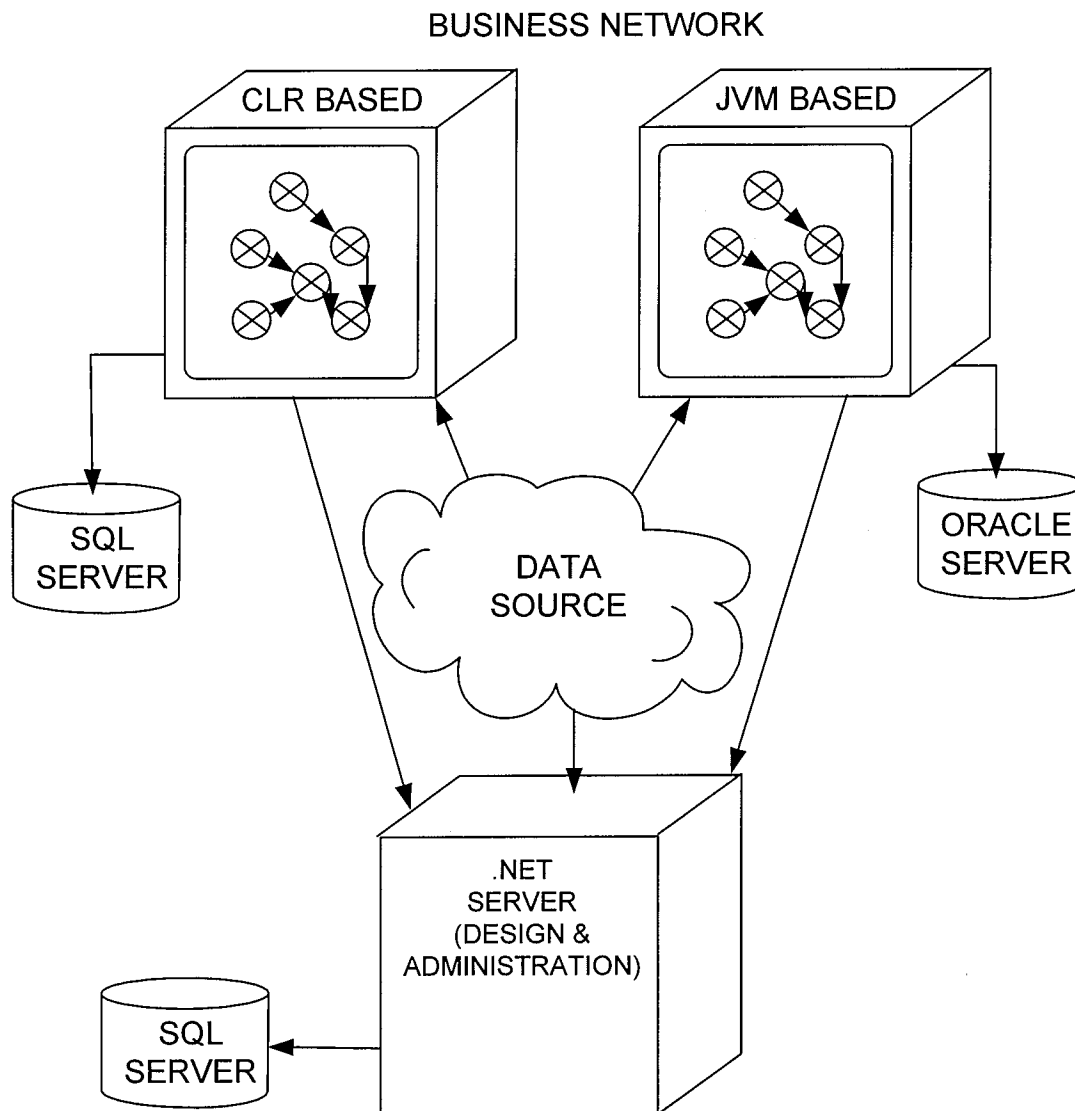


FIG. 46



**FIG. 47**

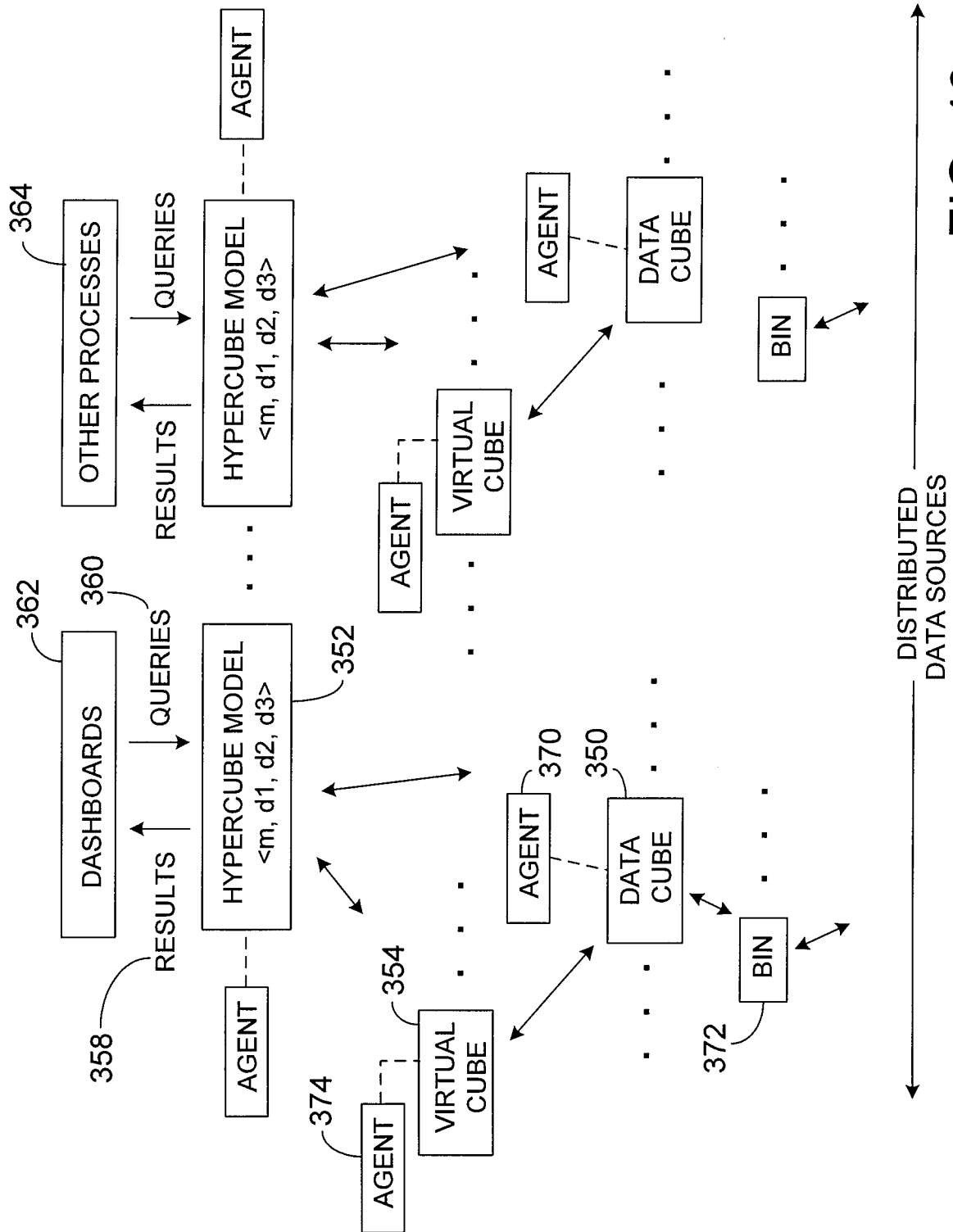


FIG. 48